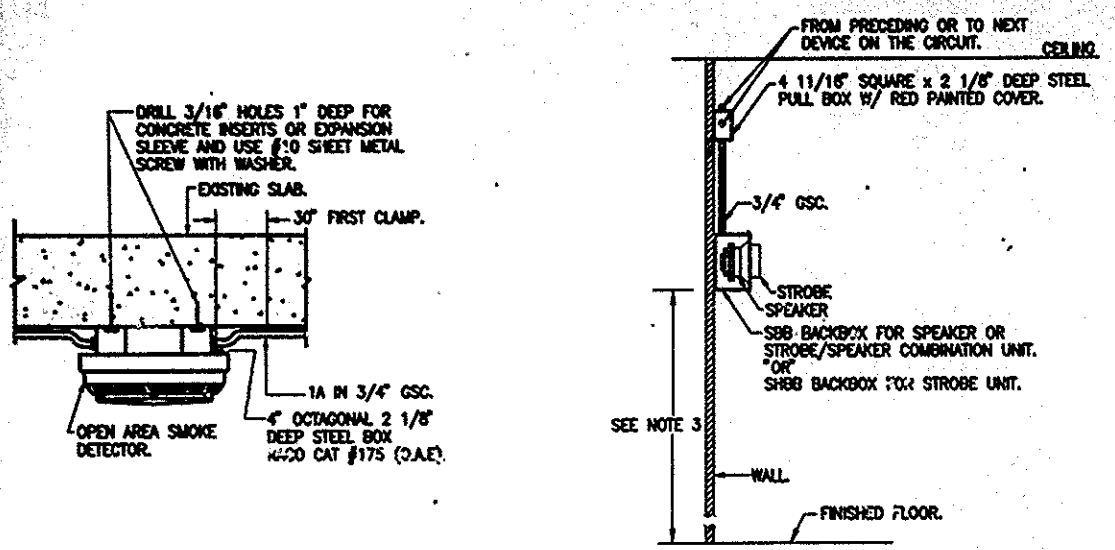
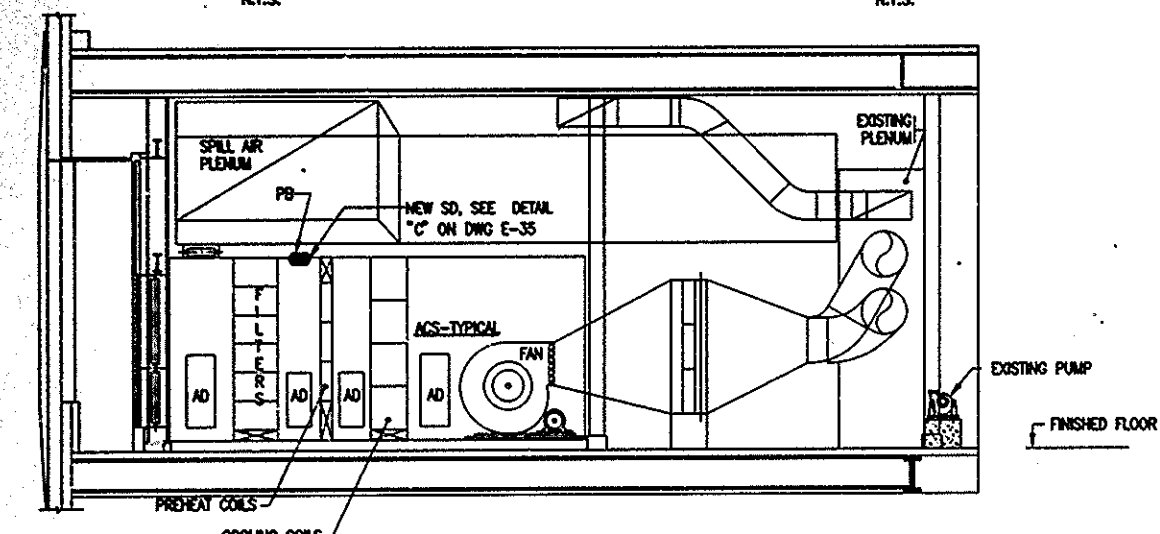


Revision No. 9

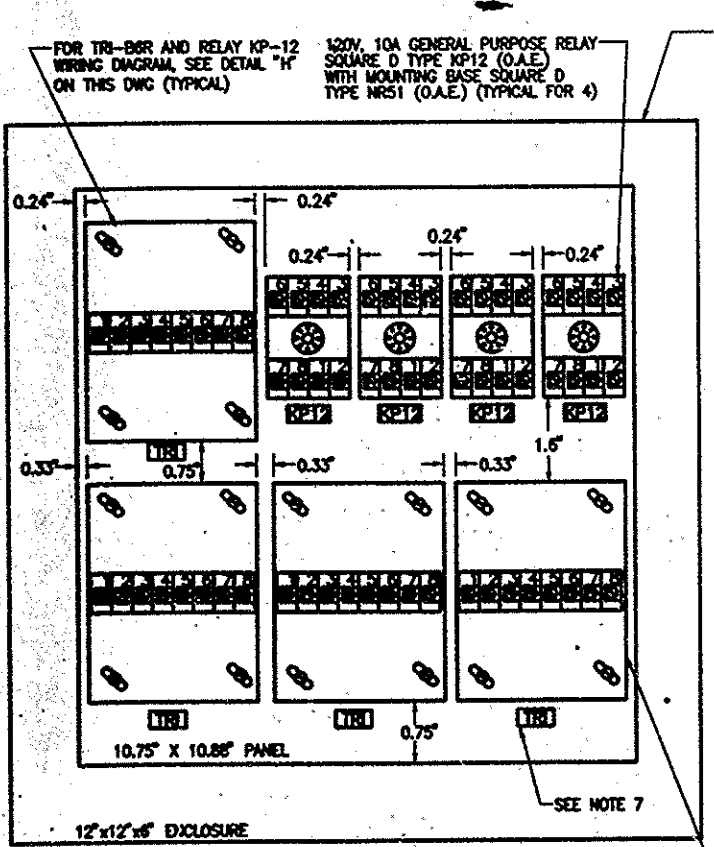


SMOKE DETECTOR INSTALLATION DETAIL "A" (FOR OPEN CEILING)
N.T.S.

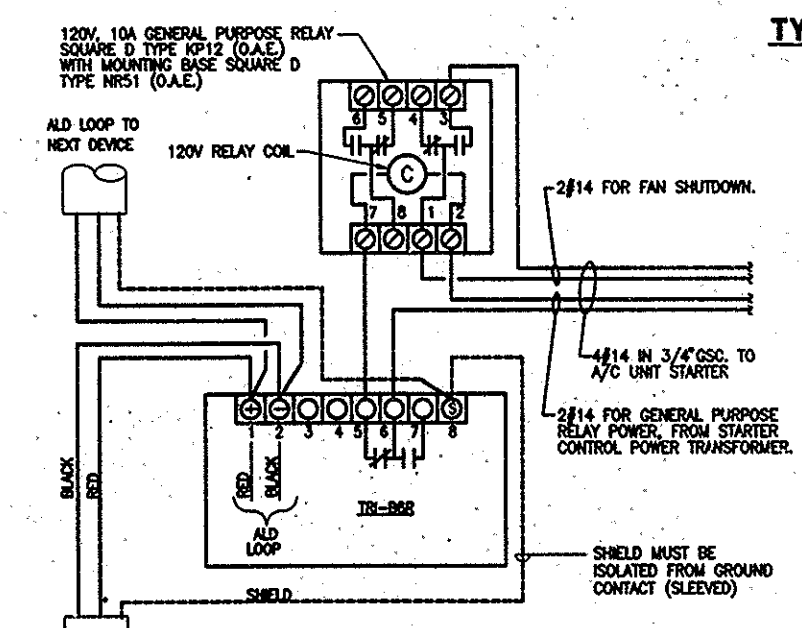
TYPICAL WALL MOUNTED STROBE SPEAKER STROBE/SPEAKER INSTALLATION DETAIL "B"
N.T.S.



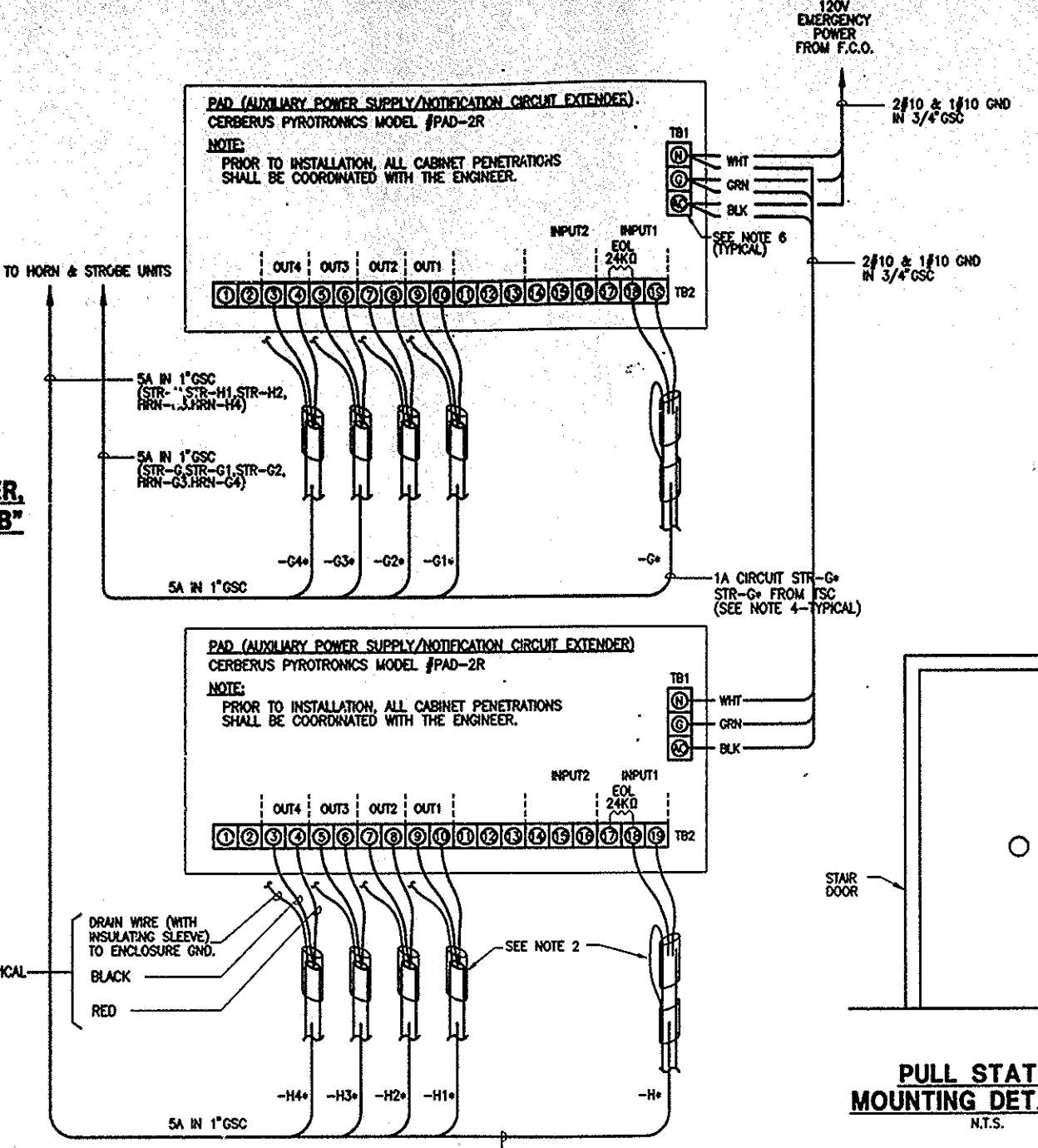
LOCATION OF ACS AREA SMOKE DETECTOR TYPICAL DETAIL "C"
N.T.S.



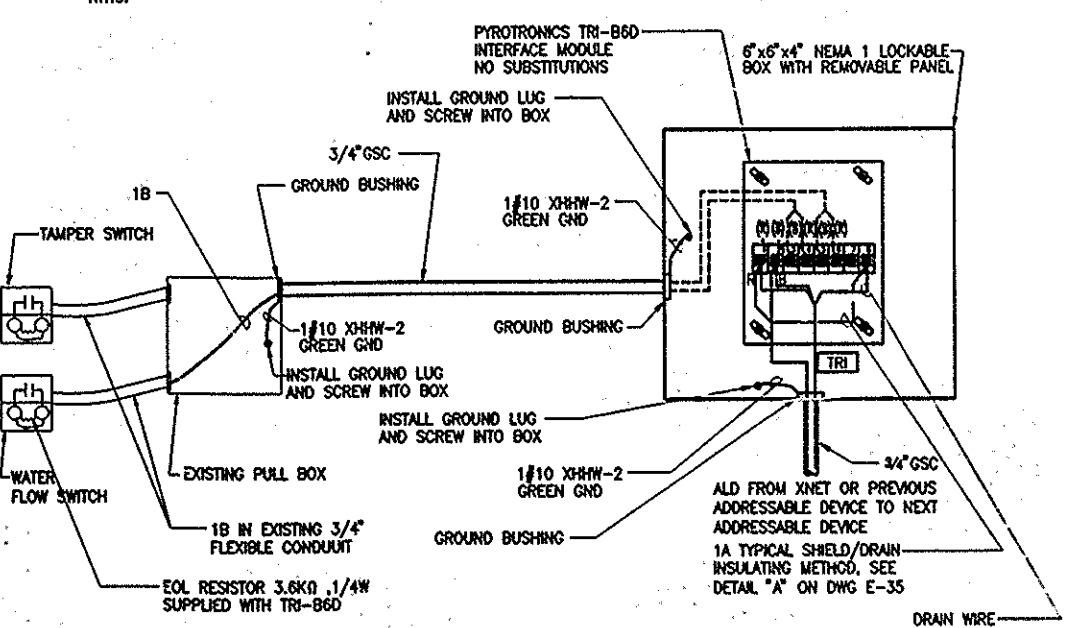
TRI-B6R AND KP-12 RELAYS MOUNTING DETAIL "G"
N.T.S.



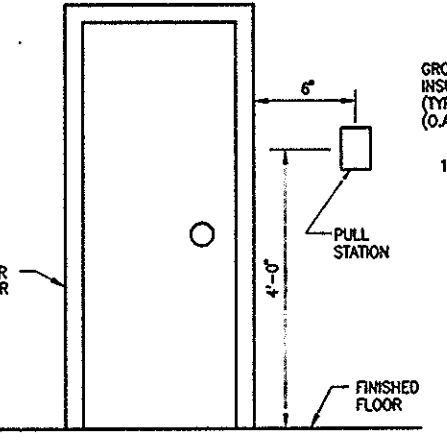
TYPICAL TRI-B6R AND KP-12 RELAY WIRING DIAGRAM DETAIL "H"
N.T.S.



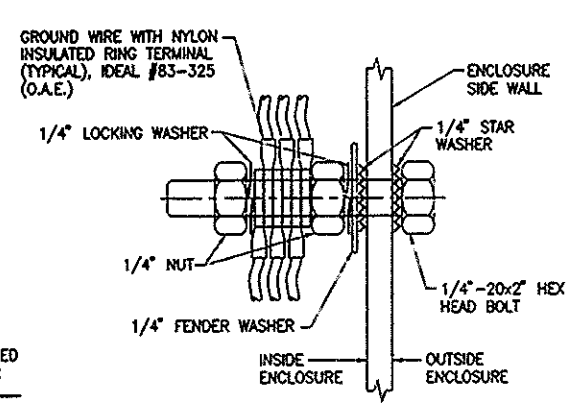
TYPICAL PAD WIRING DIAGRAM DETAIL "D"
N.T.S.



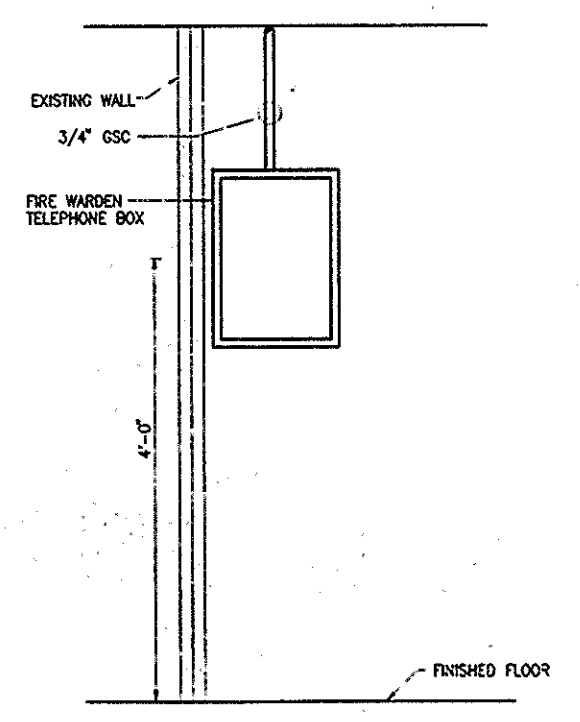
TRI (TRI-B6D) BOX MOUNTING DETAIL "I" (SEE NOTE 8)
N.T.S.



PULL STATION MOUNTING DETAIL "E"
N.T.S.



TYPICAL ENCLOSURE GROUND STUD DETAIL "F"
N.T.S.



WARDEN PHONE MOUNTING DETAIL "J"
N.T.S.

- NOTES:**
- FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES, SEE DWG E-1.
 - INSULATE SHIELD & DRAIN WIRE AS SHOWN ON TYPICAL SHIELD/DRAIN INSULATING METHOD SHOWN ON DRAWING E-35.
 - INSTALL THE FIRE ALARM DEVICE AT 80" ABOVE FINISHED FLOOR.
 - CIRCUIT NOTATION FOLLOWED BY AN "A" IS SHOWN FOR ILLUSTRATION ONLY. SEE RISER DIAGRAM(S) FOR ACTUAL CIRCUIT IDENTIFICATION.
 - SHIELD MUST BE CONTINUOUS AND INSULATED FROM BOXES, CONDUITS, ETC.
 - FURNISH AND INSTALL PANDUIT MODEL #PN10-8F-D CONNECTORS FOR CONNECTION OF POWER SUPPLY WIRING.
 - 2"x1" NAMEPLATES SHALL BE LAMINATED PLASTIC, 1/4" WHITE LETTERS ON BLACK BACKGROUND WITH BEVELED EDGES ENGRAVED AS SHOWN.
 - DETAIL "I" DOES NOT REPRESENT ALL FIELD CONDITIONS. SEE PLANS FOR ACTUAL NUMBER OF DEVICES AND CONDUIT PENETRATIONS.

THE PORT AUTHORITY OF NY & NJ

[Signature]
ENGINEERING PROGRAM MANAGER
WORLD TRADE CENTER
CHIEF ELECTRICAL ENGINEER

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. *100-100-100* IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.
DATE *12/2/99* *[Signature]*
CONTRACT ENGINEER/ARCH.
ENGINEERING PROGRAM MGR.

No. Date Revision Appr'd

ENGINEERING DEPARTMENT

WORLD TRADE CENTER

ELECTRICAL

Title
FIRE ALARM SYSTEM
PHASE III
5 WTC MER'S, EMR'S
AND SUBSTATIONS

TYPICAL DETAILS
AND WIRING
DIAGRAM
SHEET 2

This drawing subject to conditions of contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

FELDMSTEIN ROYZMAN
Designed by Drawn by Checked by

5-17-99
Date

WTC-861.571 E-36
Contract Number Drawing Number